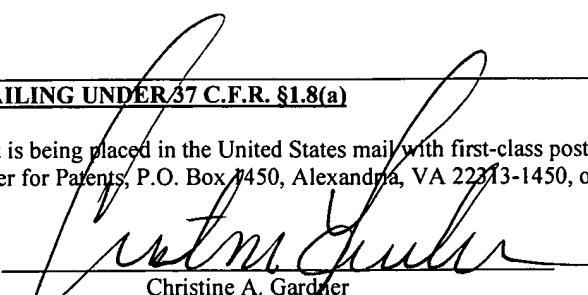


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Edwin L. Piner et al.
 Serial No: 10/047,455
 Confirmation No: 1054
 Filed: January 15, 2002
 For: SEMICONDUCTOR STRUCTURES INCLUDING A GALLIUM
 NITRIDE MATERIAL COMPONENT AND A SILICON GERMANIUM
 COMPONENT
 Examiner: Shouxiang Hu
 Art Unit: 2811

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 16 day of December, 2004.



Christine A. Gardner

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

RESPONSE TO ELECTION/RESTRICTION REQUIREMENT

Sir:

This is in response to the Election/Restriction Requirement mailed August 16, 2004.

Applicant elects Species 3, the embodiment of Fig. 3, with traverse. The traversal is made on the grounds that it is believed that a search and an examination of all claims would place no undue burden on the Examiner (See MPEP 803).

The Patent Office requests that the Applicant list all claims readable on the elected species. It might be inaccurate to state that any claim "reads on" the figure identified as the species. Accordingly, Applicant proposes the following:

Claims that are believed to include subject matter, at least in part, disclosed in Fig. 3 and are believed to represent a grouping representative of Species 3 include:

Independent claim 1 and claims 2-5, 12-22 and 39-42 dependent thereon;

Independent claim 29; and

Independent claim 30 and claims 43-44 dependent thereon.

If, for any reason, the Examiner is of the opinion that a telephone conversation with Applicant's representative would expedite prosecution, the Examiner is requested to contact the undersigned at (617) 720-3500.

Please charge any fee or fee deficiency occasioned by this response to Deposit Account No. 23/2825.

Respectfully submitted,



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Docket No. N0400.70013US00

Date: December 16, 2004

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